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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of

Docket No. LAM2P282

Ni et al.

Group Art Unit: 1765

Application No. 09/586,530

Examiner: V. Perez-Ramos

Filed: May 31, 2000

For: ETCH ENDPOINT DETECTION

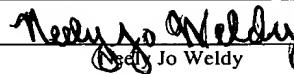
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OCT 12 2001

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the
United States Postal Service as First Class Mail in an envelope
addressed to: Commissioner for Patents, Washington, DC 20231 on

Date: OCTOBER 4, 2001

Signed: 
Neddy Jo WeldyPOWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
(REVOCATION OF PRIOR POWERS)

Commissioner for Patents
Washington, D.C. 20231

Sir:

As assignee of record of the entire interest of the above identified

- application,
 patent,

REVOCATION OF PRIOR POWERS OF ATTORNEY

all powers of attorney previously given are hereby revoked and

NEW POWER OF ATTORNEY

the following attorneys and/or agents are hereby appointed to prosecute and transact all business in
the Patent and Trademark Office connected therewith:

Peter B. Martine (Reg. No. 32,043)
Chester Martine (Reg. No. 19,711)
Joe A. Brock II (Reg. No. 46,021)
Michael L. Gencarella (Reg. No. 44,703),

Albert S. Penilla (Reg. No. 39,487)
Edmund H. Mizumoto (Reg. No. 46,938)
Rick von Wohld (Reg. No. 48,018)

of MARTINE & PENILLA, LLP, and;

Jeffrey J. Brooks (Reg. No. 35,834)

Michael Brandt (Reg. No. 39,119)

of LAM RESEARCH CORPORATION.

Attached, as part of this power of attorney, is the authorization of the above-named attorneys to accept and follow instructions from my representatives.

Send Correspondence To:

**Joe A. Brock, II, Esq.
MARTINE & PENILLA, LLP
710 Lakeway Drive, Suite 170
Sunnyvale, CA 94085
Customer Number 25920**

Direct Telephone Calls To:

Joe A. Brock, II, Esq. at telephone number (408) 749-6900

Lam Research Corporation. (per 37 CFR §3.73(b) Filed herewith)
(type or print identity of assignee of entire interest)

4650 Cushing Parkway

(address)

Fremont, CA 94538

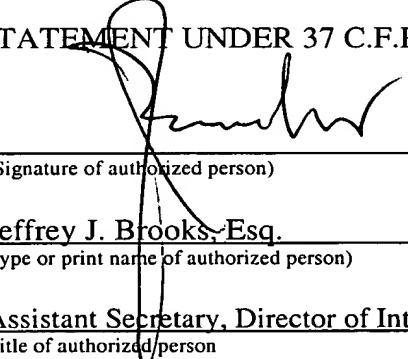
(city, state and zip code)

Recorded in PTO on September 27, 2000
Reel 011114
Frame 0684

Recorded herewith.

ASSIGNEE STATEMENT

Attached to this power is a "STATEMENT UNDER 37 C.F.R. 3.73(b)."


(Signature of authorized person)

8.17.01
(date)

Jeffrey J. Brooks, Esq.
(type or print name of authorized person)

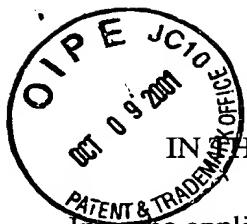
Assistant Secretary, Director of Intellectual Property
Title of authorized person

Respectfully submitted,
MARTINE & PENILLA, LLP


Joe A. Brock, II, Esq.
Reg. No. 46,021

710 Lakeway Dr., Suite 170
Sunnyvale, CA 94085
(408) 749-6900
Customer Number 25,920

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In re the application of) Docket No. LAM2P282
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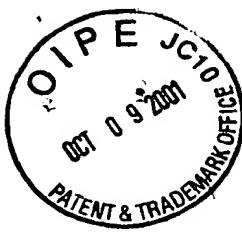
TC 1700

**ADDED PAGE TO POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST FOR
AUTHORIZATION OF ATTORNEYS TO ACCEPT AND FOLLOW INSTRUCTIONS
FROM REPRESENTATIVE**

The undersigned to this power of attorney hereby authorizes the U.S. attorneys named herein to accept and follow instructions from

Jeffrey J. Brooks
LAM RESEARCH CORPORATION
4650 Cushing Parkway
Fremont, CA 94538-6516.

As to any actions to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and the undersigned. In the event of a change in the person from whom instructions may be taken, the U.S. attorneys will so be notified by the undersigned.



GAU 1765

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on

Date: OCTOBER 4, 2001

Signed: Neely Jo Weldy
Neely Jo Weldy

**STATEMENT UNDER 37 C.F.R. § 3.73(b)
ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION**

Commissioner for Patents
Washington, D.C. 20231

Sir:

1. The assignee of the entire right, title and interest hereby seek to take action in the PTO in this matter.

IDENTIFICATION OF ASSIGNEE

2. Lam Research Corporation

Name of assignee

Corporation of Delaware

Type of assignee, e.g., corporation, partnership, university, government agency, etc.

PERSON AUTHORIZED TO SIGN

3. Jeffrey J. Brooks

(type name of person authorized to sign on behalf of assignee)

Assistant Secretary, Director of Intellectual Property

Title of person authorized to sign

I, the person signing below, state that I am empowered to sign this statement on behalf of the assignee.

BASIS OF ASSIGNEE'S INTEREST

Ownership by the assignee is established as follows:

A.

- An Assignment Recordation from inventors to Lam Research Corporation (Appendix A, A-1 through A-2).
- An assignment document from inventors to Lam Research Corporation (Appendix B, 1 page)

AND

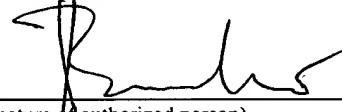
B.

- A chain of title from the inventor to the current assignee as shown below:

Appendix A: U.S.P.T.O. Notice of Recordation of Assignment.

Recorded in PTO: Reel 011114, Frame 0684.

Appendix B: Assignment from Tuqiang NI; Andrew LUI; Chung-Ho HUANG; and Weinan JIANG to Lam Research Corporation.


(Signature of authorized person) _____ 1 OCT 01
(date)
Jeffrey J. Brooks
(type or print name of authorized person)
Assistant Secretary, Director of Intellectual Property
Title of authorized person

Respectfully submitted,
MARTINE & PENILLA, LLP


Joe A. Brock, II, Esq.
Reg. No. 46,021

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